CLAIMS

1. A compound of formula (I)

$$O = \underbrace{N-N}_{N-SO_2} - CO-N \underbrace{N-SO_2}_{N-SO_2} - (R^1)_n$$

wherein R^2 is amino, a group OR^4 or a group $-Y-R^5$ where R^4 is hydrogen or C_{1-4} alkyl, Y is C_{1-4} alkylene,

R⁵ is hydrogen, halo, hydroxy, C₁₋₂alkoxy, C₁₋₂alkoxyC₁₋₂alkoxyC₁₋₄, or a group NR⁷R⁸ where R⁷ and R⁸ are independently selected from hydrogen, C₁₋₂alkyl, hydroxyC₁₋₂alkyl or alkoxyC₁₋₂alkyl, or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated 5-6-membered heterocyclic ring which optionally contains an additional heteroatom;

n is one or two and each R¹ is independently selected from halo, haloC₁₋₂alkyl, hydroxy, oxo, amino, C₁₋₂alkylamino or di-C₁₋₂dialkylamino; or a pharmaceutically acceptable salt thereof.

- 2. A compound according to claim 1 wherein R^2 is a group-Y- R^5 .
- 20 3. A compound according to claim 2 wherein Y is a C_{1-2} alkylene group.
 - 4. A compound according to claim 2 or claim 3 wherein R² is methyl.
- 5. A compound according to claim 1 wherein R² is a group -Y-R⁵ and R⁵ is a group NR⁷R⁸ where R⁷ and R⁸ are independently selected from hydrogen, C₁₋₂alkyl, hydroxyC₁₋₂alkyl or alkoxyC₁₋₂alkyl, or R⁷ and R⁸ together with the nitrogen atom to

which they are attached form a saturated 5-6-membered heterocyclic ring which optionally contains an additional heteroatoms.

6. A compound according to any one of the preceding claims wherein n is 1.

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- 7. A compound according to any one of the preceding claims wherein at least one R^1 group is a halo group.
- 8. A compound according to claim 7 wherein R¹ is brome or chlore.

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- 9. A compound according to any one of the preceding claims wherein an R¹ group is present at a position equivalent to the 5-position as numbered on the indole ring.
- 10. A compound according to claim 1 which is
- 15 6-{4-[4-(5-Chloro-1H-indole-2-sulphonyl)-piperazine-1-carbonyl]-phenyl}-2-methyl-2H-pyridazin-3-one,
 - 1-(5-chloroindol-2-ylsulphonyl)-4-[4-(6-oxo-1-methyl-pyridazin-3-yl) benzoyl]piperazine,
 - 6-[4-({4-[(5-chloro-1H-indol-2-yl)sulphonyl]piperazin-1-yl}carbonyl)phenyl]-2-[2-
- 20 (dimethylamino)ethyl]pyridazin-3(2H)-one,
 - 6-{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2-(2-methylamino-ethyl)-2H-pyridazin-3-one,
 - 6-{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2-ethyl-2H-pyridazin-3-one,
- 25 2-butyl-6-{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2H-pyridazin-3-one,
 - 6-{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}
 - -2-(2-hydroxy-ethyl)-2H-pyridazin-3-one,
 - 6-{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2-(2,2,2-
- 30 trifluoro-ethyl)-2H-pyridazin-3-one,
 - $6-\{4-[4-(5-chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl\}-2-(2-methoxy-ethyl)-2H-pyridazin-3-one, \\$

6-[4-({4-[(5-chloro-1H-indol-2-yl)sulphonyl]piperazin-1-yl}carbonyl)phenyl]-2-[2-(2-methoxyethoxy)ethyl]pyridazin-3(2H)-one,

6-{4-[4-(5-Chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2-fluoromethyl-2H-pyridazin-3-one,

- 5 6-{4-[4-(5-Chloro-1H-indole-2-sulfonyl)-piperazine-1-carbonyl]-phenyl}-2-difluoromethyl-2H-pyridazin-3-one or 6-{4-[4-(5-Chloro-1H-indole-2-sulfonyl)-2-oxo-piperazin-1-ylmethyl]-phenyl}-2-(2-morpholin-4-yl-ethyl)-2H-pyridazin-3-one.
- 10 11. A process for preparing a compound of formula (I) as defined in claim 1 which process comprises either
 - (a) reacting an amine of formula (II)

$$HN \longrightarrow N-SO_2 \longrightarrow (R^1)_0$$

with an acid of the formula (III)

$$O = \begin{array}{c} R^2 \\ O = \begin{array}{c} \\ \\ \end{array} \\ COOH \end{array}$$

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or a reactive derivative thereof; or

(b) reacting a compound of the formula (VIII):

$$z'$$
—CO-B N -SO $_2$ — $(R^1)_n$ (VIII)

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wherein Z' is a displaceable group, with a compound of formula (IX)

$$O = \bigvee_{\text{(IX)}}^{\text{N-N}} -A$$

wherein R² is as defined claim 1 and A is an activating group, or

- (c) forming a substituted pyridazinone ring on compounds of formula (VIII), wherein Z' is a functional group capable of cyclisation;
- 5 (d) by reacting a compound of the formula (X):

$$O = N - N$$
 $O = N - N$
 $O = N$

where R² is as defined in claim 1, with a compound of the formula (XI):

$$z''-SO_2 \longrightarrow (R^1)_n$$
 (XI)

wherein R¹ and n are as defined in claim 1 and Z'' is a displaceable group, under conditions similar to those described above in process (a); or

(e) reacting a compound of formula (XIII)

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$$O \longrightarrow CO-N N-SO_2 \longrightarrow (R^1)$$
(XIII)

wherein R^1 and n are as defined claim 1, and the indole ring is optionally protected, with a compound of formula (A)

$$R^2$$
-Z''' (A)

where R² is as defined in claim 1 and Z''' is a displaceable group, and thereafter if 5 necessary, removing any indole protecting groups.

- 12. A compound of formula (I), as defined in any claim from 1 to 8, or a pharmaceutically-acceptable salt thereof for use in medical therapy.
- 10 13. A pharmaceutical composition comprising a compound of formula (I), or a pharmaceutically-acceptable salt thereof, as defined in any claim from 1 to 8, with a pharmaceutically-acceptable diluent or carrier.
- 14. Use of a compound of formula (I), as defined in any claim from 1 to 10, or a
 15 pharmaceutically-acceptable salt thereof, in the preparation of a medicament for use in a method of treating a Factor Xa mediated disease or condition.
- 15. A method of treating a Factor Xa mediated disease or condition in a warm-blooded animal comprising administering an effective amount of a compound of
 20 formula (I), as defined in any claim from 1 to 10, or a pharmaceutically-acceptable salt thereof.